



VKB-Sim Gunfighter Operations Quick Guide

NOTE: *This guide is only a preliminary version of the official guide to follow later and to be made available online. This initial guide is intended to get you started once you receive your Gunfighter.*

NOTE: *VKB HQ tightened the frictioner of the dry clutch to prevent it from loosening during shipping. So before you connect your Gunfighter to your PC, you will need to adjust the dry clutches for both pitch and roll axes accordingly.*

NOTE: *The Gunfighters ship with cams #10 (soft center detent for both axes), and springs #20 (standard strength) factory installed.*

All Gunfighters come with the following cams in the box:

- #10 - soft center detent (factory installed)
- #30 - center detent

All Gunfighters come with the following springs in the box:

- #10 - soft
- #20 - standard (factory installed)
- #30 - medium
- #40 - strong

The Gunfighter Pro comes with an additional spring to support the extension:

- #50 - extra strong

The TM Warthog Adapter for Gunfighter comes with the following cam:

- "W" - to support the added weight of the TM Warthog grip

Gunfighter HOWTOs:

Accessing the Gunfighter gimbal:

1. Disconnect the grip.
2. Unscrew the 6 screws on the dust cover. Remove the dust cover.
3. Unscrew the 4 screws on the bottom plate. Remove the bottom plate.
4. Disconnect the 4-pin connector from the base.
5. Unscrew the outer 4 screws on the top plate.
6. Remove the gimbal from the base.
7. When done, assemble in reverse order.

Gunfighter Dry Clutch damper adjustment:

1. Rotate the copper nut to adjust the damper force.
Attention! Do not exceed the tightening force of the damper!
2. Install the grip, check the operation and 'feel' of the gimbal. If necessary, re-adjust the damper to your liking.

Replacing the standard strength spring (#20)

1. Use needle-nose pliers to install or remove the spring for each axis.

Replacing the strong spring (#40)

1. Unscrew the M4 nut (near ball bearing).
2. Push the cam up carefully and pull the ball bearing.
Note: Removing the bearing first relieves some pressure on the springs.
3. Pay attention to the position of the washers near the ball bearing.
4. Replace the spring using needle-nose pliers. If necessary, two springs can be installed on each axis' cam.
Attention! Carefully install the springs. Careless installation may scratch the working surface of the cam.
5. Push the cam up and carefully reinstall the ball bearing.
6. Install and tighten the M4 nut.

Replacing the default cam (#10):

1. Remove the springs.
2. Unscrew the M4 nut and detach the cam from the gimbal.
3. Pay attention to the position of the washers between the cam and the bearing.
4. Replace the cam, tighten the M4 nut.
5. Install the springs.